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FACSIMILE TRANSMISSION TO U.S. PATENT AND TRADEMARK OFFICE

DATE: June 01, 2006
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PAGES, INCLUDING COVERSHEET: 4
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TO EXAMINER: Landsman, R.
ART UNIT: 1647
SERIAL NUMBER: 10/733,597
FAX/TELECOPIER NUMBER: (571) 273-8300

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PATENT APPLICATION
File No: 00-34D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : James L. Holloway, Philippa J. Webster, Edward C. Thayer
Serial No. : 10/733,597
Group Art Unit : 1647
Examiner : Landsman, R.
Filed : December 11, 2003
For : MAMMALIAN GLYCOPROTEIN HORMONE-1

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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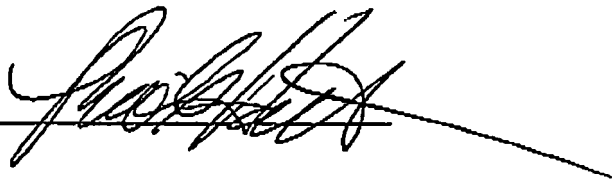
1. Response to Restriction Requirement (2 pages)
2. Fax Cover Sheet

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Nicole Hart



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Applicants : James L. Holloway, Philippa J. Webster, Edward C. Thayer
Serial No. : 10/733,597
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Examiner : Landsman, R.
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Docket No. : 00-34D1
Date : June 1, 2006

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Commissioner for Patents
P.O. Box 1450
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RESPONSE TO RESTRICTION REQUIREMENT

Sir:

The Restriction Requirement mailed May 1, 2006, has been received and reviewed.

The Office Action sets forth a restriction requirement under 35 USC §121.

Applicants were requested to elect one of five designated groups as briefly noted below:

- I. Claim 1, drawn to polynucleotide, classified in class 536, subclass 23.5.
- II. Claims 2 and 5, drawn to a protein and a pharmaceutical composition, classified in class 530, subclass 350.
- III. Claim 3, drawn to an antibody of SEQ ID NO:2, classified in class 530, subclass 387.1.
- IV. Claim 4, drawn to a method of treating hyperthyroidism by administering a polypeptide, classified in class 514, subclass 2.
- V. Claim 6, drawn to the use of a polypeptide for making a medicament, classified in class 424, subclass 400.

Response to Restriction Requirement
Serial No.: 10/733,597

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In response to the Requirement for Restriction Election, Applicants elect Group III, claim 3, drawn to an antibody of SEQ ID NO:2, classified in class 530, subclass 387.1.

The Office has required Applicants to select one SEQ ID NO to be searched along with the elected invention. Applicants respectfully traverse this requirement. As clearly taught in the specification, the polypeptides of SEQ ID NO:s 2, 9, 10, 11, 12, 13, and 14 are all directed to the same amino acid sequence. For example, on page 3, lines 2-3, the specification teaches that human Zlur1 is represented by SEQ ID NOs: 1&2. SEQ ID NO:1 is the polynucleotide sequence, and SEQ ID NO:2 is the polypeptide sequence. Additionally, also on page 3, lines 7-9, the mature sequence is comprised of the polypeptide extending from amino acid residue 25, an alanine, to and including amino acid residue 130, an isoleucine, also represented by SEQ ID NO:9. Further, on page 52, lines 21-25, the specification teaches that the amino acid sequences of SEQ ID NO:2, *including* SEQ ID NO:10, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:13, and SEQ ID NO:14 would provide suitable antigenic peptides. Thus, the SEQ ID NO:s of claims 2 and 5 are all directed to the same amino acid sequence and do not pose a serious burden for searching. In order to fully respond to the Election/Restriction, however, Applicants select SEQ ID NO:9.

Early reconsideration and allowance of the pending claims under examination are respectfully requested. If the Examiner believes that a telephone interview would expedite prosecution of the above-identified patent application, please call the undersigned at (206) 442-6752.

Respectfully Submitted,



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